

CLARK COUNTY GIS DATA COMMITTEE

Clark County Government Center
500 South Grand Central Pkwy.
4th Floor, Gold Room 4047
Las Vegas, NV 89155
Thursday, March 17, 2016
9:30 am – 11:00 am

MINUTES

MEMBERS PRESENT: Dustin Nelson (CoH), John Ritsko (RTCSNV), Michael Todd (CCRFGD), Brian Bolduc (GISMO), Jeffrey Ferdinand (LVVWD), Ryan Kammerer (Mesquite), Robert Vega (GISMO), and Tommie Weckesser (CofH)

1. Call to Order

- a. Conformance with Nevada Open Meeting Law: The meeting was called to order at approximately 9:40 am. There are eight (8) voting members present, so we had a quorum today.
- b. Introduction of Data Committee Members and Guests: Everyone introduced themselves.

2. Administrative Action

- a. Approval of Agenda: A motion was made and seconded to approve the agenda. Motion carried.
- b. Approval of Previous Meeting Minutes: A motion was made and seconded to approve the minutes of the previous meeting. Motion carried.

3. Sub-Committee Reports

a. Mapping Services, Tommie Weckesser, City of Henderson IT

They did not meet today. There is no update at this time.

b. Master Address Database, Brian Bolduc, Clark County GISMO

County is working on their Master Address DB. Henderson is sending their db into the county. Accela project is pushing GISMO to get address's done.

c. Data Sharing. Russ Coffey, Las Vegas Valley Water District

Brian said Russ hasn't been there for a while, so there is no report at this time.

4. 2016 GIS Grant Proposal (Secure GIS Data Exchange), Brian Bolduc

GISMO proposed a grant through the EOC department at the County to create a data sharing portal and what they are looking for is \$140,000 to have a consultant come in and work with all of the documents and politics of creating this secured portal. They want to concentrate on how they can share all of the information which would make all of the entities feel comfortable with. Phase I would be 140. Brian said the final proposal was ranked second for cybersecurity. Part of it will be to help emergency managers to do their job and the second part is the secure data portal. He said they need to get their 'buy-in' on it, and need to show them there is a benefit for them. To be part of this group, your agency is saying they are going to be providing information. Then when they do their COT projects they will be getting information back. Brian said they hope to get a buy-in from the Utilities. He stressed if there are going to be 'buy-ins' that people get benefits as well. Brian shared his experience in talking before the committee (which is deciding who gets their proposal approved). The money has to be spent in less than two years.

5. 2016 Aerial Photography/Lidar Update, Craig Hale, Southern Nevada Water Authority.

Craig reported the contractor has begun flying and has flown south of the valley as of Tuesday and Wednesday of last week. They were hoping to start on the valley this week. He reported they were notified last Friday that they did receive a grant to pick up extra areas as Red Rock Canyon and going up U.S. 95. There will be two different benefits; the valley will have high square meters. All of the other areas will be less per square meter. There will be two different types of databases. The valley will be in the high square meter, and all of the 9 points per square meter. This should be completed by April 15. Brian said the data could be put on the County's server.

6. Imagery, Brian Bolduc, Clark County GISMO

Brian gave an update on NearMap. The County pays for it on a monthly basis. If you like it please let Brian know. They are trying to identify who the primary users are and Brian is requesting them to contact him regarding this program so they can also figure out a price to use this program. Right now it is on eight (8) gigabyte per month, however last month it was 13; and they are going up on this subscription. Brian told attendees if they want to use this program then they can help pay the costs to use it.

7. Assessor's Land Use Code Changes, Erik Martinet, Clark County Assessor's Office

There was nothing to report at this time.

8. Assessor's Office Data Table Changes, Brian Bolduc, Clark County GISMO

Brian reported the tables will be done by March 31. He said last month they talked about what Clark County's GISMO is doing with the OpenWeb and the java script.

9. Henderson Public Mapping Apps, Dustin Nelson, City of Henderson

Dustin Nelson gave a presentation on Henderson's Public Mapping App. Dustin said the City of Henderson wanted to share what they are doing with their public mapping apps; which can also be downloaded using smartphones and iPads. He talked about OpenWeb and how it is user-based so it is hard to make some changes. Dustin said they have 13 public based web apps, and all were written in flex. He also discussed the security risks with the flash and plug-ins. He strongly encourages people to get away from the plug-in types. Dustin said their goal was to quickly get all of their apps, and the majority of the functionality of those apps, migrated over to the java script ATI. He proceeded to demonstrate the various apps and how each of those functions. He said they can see how the top pieces of functionality are used, and they can also track how the apps are used. They found that Monday and Thursday are their lowest usage days for their CrimeMap app. They think people are at home on the weekends and clicking away on the various apps. He uses java script to gather data on when the apps are used. They rolled CrimeMap out on Jan. 1, 2016. CrimeMap is the most used app and accounts for 50% of all of the usage. They compared Feb. 2015 to Feb. 2016, and with their move to java script coupled with their ability to be a mobile app – they have had an 80% increase in usage.

Dustin said that taking into account all of the metrics over a course of six months, they found that 84% accounted for two things. That was searching and identifying. His goal is to make searching capabilities work well. He said most people are using the searching capability for checking addresses and cross-streets. He also demonstrated the functionality of CrimeMap. He said having a huge search algorithm helps people to find what they want to find quicker. People can also do a 'search radius' (example: one square mile around City Hall) of particular crimes. He said most people are using CrimeMap to search for data regarding burglaries and then narcotics. He demonstrated the search engine for CrimeMap. Dustin said you can find out more information regarding the types of burglaries and other crimes utilizing that search engine. They found this is the most used app in the city database.

He is also working closely with the City of Henderson Police Department to get crime stats, and is also working with the City's Public Information Officer (PIO) to develop additional databases (ex: data around schools, zip codes, etc.). This program allows users to interact with data a little bit closer. They have a legend and users can also do queries of the different databases. Dustin said they are using the maps from Esri and he discussed the servers and how it cuts the load in half on the web server. Other aspects of the mobile app show where the elected officials are located, as well as polling places.

They are working with the PIO to put this information up on Facebook. They found when they posted this on Facebook that most people 'liked' their crime search data. Within 15 minutes of posting that, they went from 1,000 identifies to almost 7,000 within an hour and a half.

Dustin said their goal was to maximize the map and for people to interact with the information through the map. He demonstrated how mobile capable it is. They also found that 75% of people coming through using their desktop. The majority of the remaining 25% are coming through on iPads. Out of the 25%, 85% of those coming through on the mobile app are by smartphones. This helps Dustin identify his target audience and which platform he needs to cater to.

The sex offender app is the number three (3) most used app. He showed how this particular application searches the database, and the data which comes up on an offender.

He said when people come on as a user that he assigns them a unique identifier and he can track how that identifier to every subsequent action that they do. Dustin then can make queries about how different users search and interact with the various databases. They've found they have more users and more of these users are getting access to more data.

Dustin has made some projections, he gets the weekly number of identifiers for each week, he then takes the average of those and he does the percent change for each week. This helps them do capacity planning for those distinct apps. As an example, he said when SNWA runs their commercials on TV or on the radio, they get more usage with that app; people are checking to see when they can water. This also helps with staff support as it means less people are calling their front desk to get the information.

He intends to re-write the app for 'Parks & Trails', to make it more user-friendly. He will add amenities as climbing walls, volleyball courts, etc. to specific parks.

Currently, Henderson's PIO and the Community Development Department are working with Dustin to develop an app called 'Mailer'. This would enable staff to locate all of the addresses in a particular zone, and also identify who owns the property. That way if the city wants to mail publications to specific neighborhoods they can do that. The app would also provide information about the property owners versus property occupants. They can export up to 5,000 individual property owners. They are developing an app called 'CityView' and Dustin said in the future they are going to develop an app called 'My Neighborhood' which will give data about potholes, garbage service days, etc. This is a goal for the upcoming year.

Discussion followed.

10. Comments from the General Public

- Brok Armantrout (from Boulder City) asked about the County's GISMO status. Brian reported the County is going to start to download GIS 10.4. Brian said they could also wait until next Wednesday (March 23, 2016).
- Ryan Kammerer, City of Mesquite, talked of how the Esri rep who attended last month's meeting and spoke of how they are uploading their imagery. Brian said anything a person uploads is public information. He said on 'Community Maps' people update their information and you use Esri's cloud services. Discussion followed.
- Sonya Wilson (of CCDOA), spoke about MDIF, and that it was hosting a conference on May 7, 2016. They are looking for volunteers. They are going to have GIS activities for children.
- Tommie Weckesser (City of Henderson) said if you'd like to volunteer for NGIS conference please contact her.

11. Set agenda for next meeting on April 21, 2016.

12. Meeting adjourned at 10:50 pm.